

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000410

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: E05C 17/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: E05C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2292970 A (C. HAMER), 13 March 1996 (13.03.1996)	1,4,6,8,11, 16
Y	--	5,7,10,12-15
Y	GB 2346923 A (C. HAMER), 23 August 2000 (23.08.2000)	5,7,10,12-15
A	US 5244240 A (R.A. NORDMEYER ET AL), 14 Sept 1993 (14.09.1993)	
A	US 4048822 A (A. LÜLING), 20 Sept 1977 (20.09.1977)	



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 1 June 2004	Date of mailing of the international search report 17 -Ub- 2004
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Christer Wendenius / MRo Telephone No. +46 8 782 25 00

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GB	2292970	A	13/03/1996	GB	9418076	D	00/00/0000
GB	2346923	A	23/08/2000	GB	9823516	D	00/00/0000
US	5244240	A	14/09/1993	AU	5139893	A	26/04/1994
				CM	1086871	A	18/05/1994
				WO	9408116	A	14/04/1994
US	4048822	A	20/09/1977	DE	2218574	A,B	31/10/1973
				IT	983950	B	11/11/1974